# Ref	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		<pre>@pd<"20030219" and ((sigmoid adj function) same ((other) or (different) or (alter\$7))) same transfer)</pre>	US-PGPUB; USPAT	QR.	OFF	2006/04/05 12:42
		@pd<"20030219" and (sigmoid same ((other) or (different) or (alter\$7))	US-PGPUB; USPAT	OR.	OFF	2006/09/18 08:47
Ę	5730	@pd<"20030219" and "neural networks"	US-PGPUB; USPAT	QR.	OFF	2006/09/18 08:47
2	266	@pd<"20030219" and "neural networks" and (traction or friction)	US-PGPUB; USPAT	QR.	OFF	2006/09/18 08:47
딦	17	@pd<"20030219" and "neural networks" and (traction or friction) and "genetic algorithm"	US-PGPUB; USPAT	유	OFF	2006/09/18 08:49
L4	0	@pd<"20030219" and $701/96.ccls$, and "neural networks" and (traction or friction) and "genetic algorithm"	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:49
5	μ.	$\mbox{@pd}\mbox{<"20030219"}$ and 701/96.ccls. and "neural networks" and (traction or friction)	US-PGPUB; USPAT	R	OFF.	2006/09/18 08:50
6	0	@pd<"20030219" and " $700""$.""83".ccls. and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:50
L7	4	$\texttt{@pd}\mbox{<"20030219"}$ and 700/83.ccls. and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:50
8	2	@pd<"20030219" and $706/1.ccls.$ and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:51
6	4	@pd<"20030219" and $706/15.ccls.$ and "neural networks" and (traction or friction)	US-PGPUB; USPAT	₽ P	OFF	2006/09/18 08:52
L10	L	@pd < "20030219" and $706/45.ccls.$ and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:52
E	4	$\mbox{@pd}\mbox{<"20030219"}$ and 706/16.ccls. and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Q.	OFF	2006/09/18 08:53
L12	<u> </u>	@pd<"20030219" and 706/31.ccls. and "neural networks" and (traction or friction)	US-PGPUB; USPAT	Я Я	OFF	2006/09/18 08:53
S1	₽	"20040162644"	US-PGPUB; USPAT	OR.	OFF	2006/09/15 08:06

US-PGPUB; OR
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT

Page 2

S33	S32	S31	S30	S29	S28	S27	S26	S25	S24	S23	S22	S21	S20	S19	S18
55	104	372	0	0	0	ъ	0	0	ω	0	0	792	0	0	0
S32 and transfer	<pre>@pd<"20030219" and ((sigmoid adj function) same ((other) or (different) or (alter\$7)))</pre>	@pd<"20030219" and (sigmoid same ((other) or (different) or (alter\$7)))	@pd<"20030219" and (sigmoid same ((other adj function) or (different adj function) or (alter\$7 adj function)))	<pre>@pd<"20030219" and (sigmoid with ((other adj function) or (different adj function) or (alter\$7 adj function)))</pre>	Stinchcombe.in. and sigmoid	Stinchcombe.in.	<pre>@pd<"20030219" and (sigmoid same ((non-sigmoid adj function) or (non adj sigmoid adj function)))</pre>	<pre>@pd<"20030219" and (sigmoid with ((non-sigmoid adj function) or (non adj sigmoid adj function)))</pre>	@pd<"20030219" and "non sigmoid"	@pd<"20030219" and ("non sigmoid" adj function)	@pd<"20030219" and (non-sigmoid adj function)	@pd<"20030219" and (sigmoid adj function)	<pre>@pd<"20030219" and (((non-sigmoid adj function) or (non adj sigmoid adj function)))</pre>	<pre>@pd<"20030219" and ((sigmoid adj function) same ((non-sigmoid adj function) or (non adj sigmoid adj function)))</pre>	<pre>@pd<"20030219" and ((sigmoid adj function) with ((non-sigmoid adj function) or (non adj sigmoid adj function)))</pre>
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
O _R	Q _R	OR.	Q.	Q _R	Q.	Q.	OR .	OR.	ᄋᠷ	Q.	Q.	OR.	Q.	Я Я	OR
OFF	OFF	OFF	OFF	· OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2006/04/05 12:43	2006/04/05 12:43	2006/04/05 12:39	2006/04/05 12:38	2006/04/05 12:56	2006/04/05 12:35	2006/04/05 12:34	2006/04/05 12:30	2006/04/05 12:35	2006/04/05 12:34	2006/04/05 12:30	2006/04/05 12:29	2006/04/05 12:29	2006/04/05 12:28	2006/04/05 12:29	2006/04/05 12:30

US-PGPUB; OR USPAT
@pd<"20030219" and (multiple near networks) and (multiple near outputs) US-PGPUB; OR
US-PGPUB; OR USPAT
@pd<"20030219" and ((using or employing) adj multiple adj networks) and US-PGPUB; OR
@pd<"20030219" and ((using or employing) adj multiple adj networks) and US-PGPUB; OR (neural network) and vehicle
@pd<"20030219" and (multiple near1 networks) and (neural network) and US-PGPUB; OR vehicle
@pd<"20030219" and (multiple near3 networks) and (neural network) and US-PGPUB; OR vehicle
@pd<"20030219" and (multiple near networks) and (neural network) and US-PGPUB; OR vehicle
US-PGPUB; OR USPAT

S65	S64	S63	S62	S61	S60	S59	S58	S57	S56	S55	S54	S53	S52	S51	S50
1	22	36	90	13	–	313	1175	⊢	L	ω	ъ	0	œ	68	4
"20020045958" and optimal	<pre>@pd<"20030219" and (input same "road surface") and (input same speed) and "neural network"</pre>	@pd<"20030219" and ("road surface" same speed) and "neural network"	@pd<"20030219" and "road surface" and "neural network"	@pd<"20030219" and (("neural network" near2 output) adj4 (input near2 "neural network"))	@pd<"20030219" and (("neural network" near2 output) adj2 (input near2 "neural network"))	@pd<"20030219" and (("neural network" with output) near4 "neural network")	@pd<"20030219" and "neural network" near2 output near4 "neural network"	"20020045958" and input	"20020045958" and parameter	@pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network with connected)	@pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network same connected)	@pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network near3 connected)	@pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50	@pd<"20030219" and (multiple near2 networks) and (multiple near2 outputs) not S50	@pd<"20030219" and (multiple near2 networks) and (multiple near2 outputs) and vehicle
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
Q.	Я Я	Q _R	OR.	OR.	Q.	Q.	Q.	Q.	Q.	OR.	O _R	OR.	OR.	OR.	O _R
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	유	OFF F	OFF	OFF	OFF	OFF	OFF	OFF
2006/04/05 15:30	2006/04/05 15:02	2006/04/05 15:02	2006/04/05 15:00	2006/04/05 14:57	2006/04/05 14:48	2006/04/05 14:40	2006/04/05 14:39	2006/04/05 14:32	2006/04/05 14:32	2006/04/05 13:46	2006/04/05 13:46	2006/04/05 13:46	2006/04/05 13:45	2006/04/05 13:44	2006/04/05 13:43

			USPAT			
2006/09/15 10:48	OFF	R	US-PGPUB;	1 "20020045958"		579
2006/09/15 10:44	OFF	R	US-PGPUB; USPAT	1 "20040162644" and "optimizing unit"		578
2006/09/15 16:17	OFF	OR.	US-PGPUB; USPAT	1 "20040162644" and (stabilit\$ or stabiliz\$)		S77
2006/04/10 13:31	OFF	Я Я	US-PGPUB; USPAT	1 "20040162644" and "genetic algorithm"		S76
2006/04/10 13:31	OFF	Я Я	US-PGPUB; USPAT	1 "20040162644" and (genetic same neural)		S75
2006/04/10 13:13	OFF	O _R	US-PGPUB; USPAT	1 "20040162644" and genetic	<u>,</u>	574
2006/04/10 13:01	OFF	OR.	US-PGPUB; USPAT	1 "20040162644" and genetic		573
2006/04/06 09:49	OFF	Я Я	US-PGPUB; USPAT	1 "20040162644" and application		S72
2006/04/06 08:56	OFF	Я	US-PGPUB; USPAT	@pd<"20030219" and ("neural network" or "neural networks") and ((vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) same (yaw same (roll same pitch)))		S71
2006/04/06 08:56	OFF	Q.	US-PGPUB; USPAT	0pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and (yaw same (roll same pitch))		S70
2006/04/06 08:55	OFF	Q.	US-PGPUB; USPAT	@pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and yaw and (roll same pitch)		S69
2006/04/06 08:55	OFF	Q _R	US-PGPUB; USPAT	@pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and yaw and roll and pitch	m	S68
2006/04/05 17:37	OFF	OR.	US-PGPUB; USPAT	1 "20040162644" and non-sigmoid		S67
2006/04/05 17:37	OFF	Q.	US-PGPUB; USPAT	0 "20040162644" and non-sigmond		566

S95	S94	S93	S92	S91	S90	589	\$88	S87	S86	S85	S84	S83	S82	S81	S80
ь	<u> </u>	<u>н</u>	⊢	<u> </u>	0	0	0	—	<u> </u>	0	<u> </u>		н	0	-
"20020045958" and control\$	"20020069220" and (text with field)	"20020069220" and (text same field)	"6397140".pn. and neural	"6397140".pn.	"20040162644" and "represents a"	"20040162644" and " represents a "	"20020045958" and " represents a"	"20040162644" and estimat\$	"20020045958" and "step 2"	"20020045958" and node\$	"20020045958" and transmission	"20020045958" and "neural network" and evolution\$	"20020045958" and "neural network"	"20020045958" and "neural netwotk"	"20020045958" and "step 8"
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
Q.	OR.	Q _R	Q.	OR.	Q _R	Q.	Q.	Q.	OR.	Q.	OR.	Я Я	Q.	Q.	OR
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2006/09/15 15:00	2006/09/15 16:16	2006/09/15 14:09	2006/09/15 14:09	2006/09/15 14:02	2006/09/15 14:02	2006/09/15 13:25	2006/09/15 13:25	2006/09/15 13:25	2006/09/15 11:25	2006/09/15 11:13	2006/09/15 13:25	2006/09/15 11:10	2006/09/15 14:44	2006/09/15 10:50	2006/09/15 11:25

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			USPAT		9
2006/09/15 16:35	9	OR	US-PGPUB;	0 "5579442".pn. and topography	 S10
2006/09/15 16:35	Q Q	OR.	US-PGPUB; USPAT	0 "5579442".pn. and design	S10 8
2006/09/15 16:35	N N	OR.	US-PGPUB; USPAT	0 "5579442".pn. and node\$	 S10 7
2006/09/15 16:35	N N	OR.	US-PGPUB; USPAT	0 "5579442".pn. and node	 S10
2006/09/15 16:35	OFF	OR.	US-PGPUB; USPAT	1 "5579442".pn. and (differen\$ same neural)	 S10
2006/09/15 16:33	OFF	OR.	US-PGPUB; USPAT	1 "5579442".pn. and differen\$	 S10
2006/09/15 16:33	OFF	O _R	US-PGPUB; USPAT	0 "5579442".pn. and differen	S10 3
2006/09/15 16:33	OFF	O _R	US-PGPUB; USPAT	1 "5579442".pn.	 S10 2
2006/09/15 16:31	유	O _R	US-PGPUB; USPAT	1 "20040162644" and "network different"	S10
2006/09/15 16:27	OFF	O _R	US-PGPUB; USPAT	1 "20040162644" and "state variable"	S10 0
2006/09/15 16:16	OFF	Q _R	US-PGPUB; USPAT	0 "20020069220" and "state variable"	 599
2006/09/15 15:01	OFF	OR	US-PGPUB; USPAT	1 "20020045958" and "step 7"	 S98
2006/09/15 15:00	OFF	O _R	US-PGPUB; USPAT	0 "20020045958" and evolu	 S97
2006/09/15 14:52	OFF	OR.	US-PGPUB; USPAT	1 "20020045958" and optimum\$	596